

Naval Transformation

Joint...Seabased...Netted

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Overview

- Naval Transformation is centered on Seabasing
- Seabasing is supported by four capability pillars: Sea Shield, Sea Strike, Sea Base and FORCEnet
- Transforming employability of naval forces (both geographic and temporal)
- Continuous process – culture is important

Seabasing : A national capability, is our overarching transformational operating concept for projecting and sustaining naval power and joint forces which assures joint access by leveraging the operational maneuver of sovereign, distributed, and networked forces operating globally from the sea.

Key Joint Contribution – no permission slip required

Revolutions in Warfare

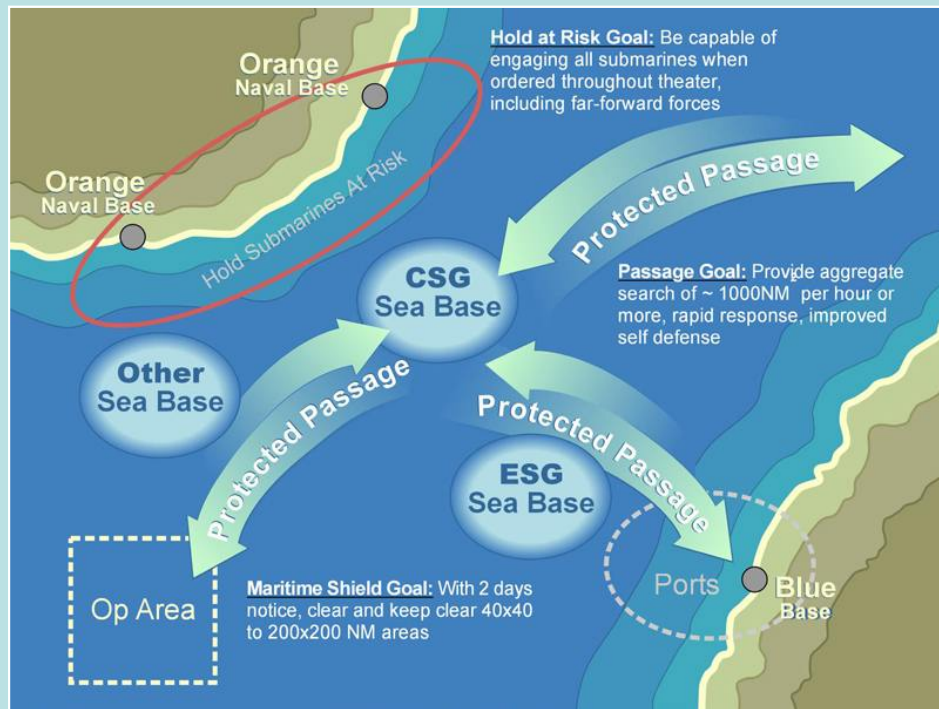
Naval Transformation Goals

- Have greater operational employability
- Strike with increased speed, variety, lethality from more formations/force packages
- Provide a defensive shield around joint forces, allies and homeland
- Operate jointly from an independent, mobile, secure sea base
- Network fully within the Joint Force

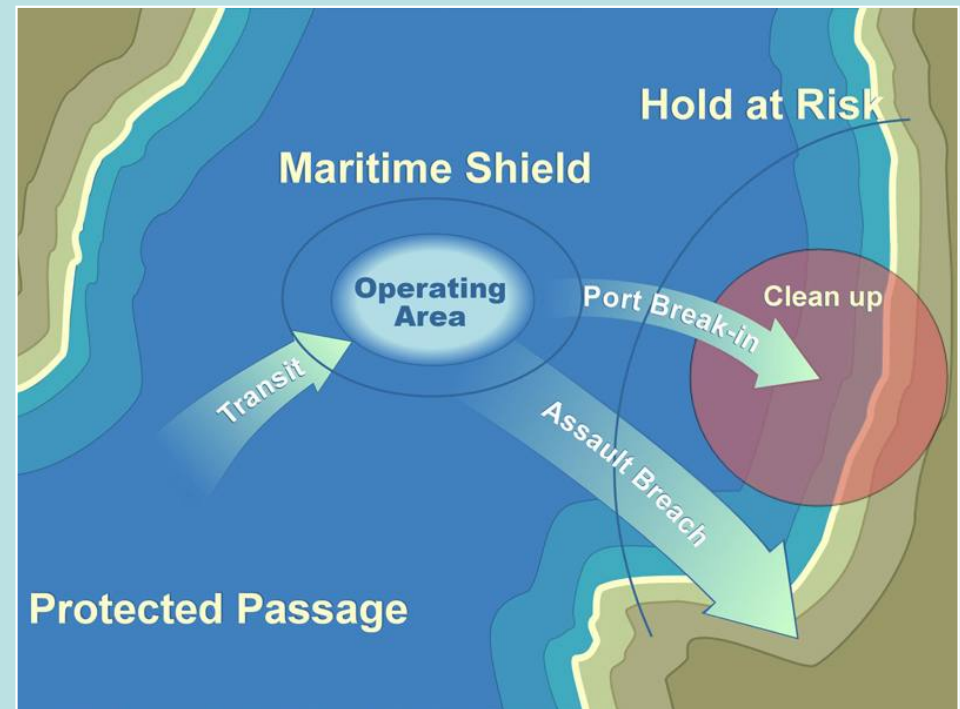
Sea Shield Transformation

Undersea Warfare

Anti-submarine Warfare



Mine Warfare



- q Develop advanced technologies to improve wide-area surveillance, detection, tracking and attack
- q Multiply impact through advanced networking
- q Render mines & subs irrelevant as anti-access weapons

Mine Warfare

Key Elements

Surveil/Detect/Classify/Ident

RMS

Surface Ship

AQS 20

Helicopter

ALMDS

Helicopter
UAV

COBRA

UAV

AMD

Ground Forces

LMRS/MRUUV

UUV or Submarine

Decide/Task

IUSS

Surface Ship
Submarine

MEDAL

LRS

Satellite

Engage/Attack

RAMICS

Helicopter

Assault Breaching System
JDAM Based Munition

Strategic Air
Tactical Air

ABV

Ground Vehicle

OASIS

Helicopter

AMNS

Helicopter

Summary

- Naval transformation supports joint transformation with service-unique capabilities -- *Seabasing*
 - q Joint Capability Development Process
- Transformation will be accomplished through:
 - q New operational concepts
 - q New technologies
 - q New processes
 - q New organizational structures
- Evolved Culture: Emphasis on joint interoperability.
- Sea Shield, Sea Strike, Sea Base and FORCEnet provide the framework for naval capability development